Application Number



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10/649,432

PTO/SB/21 (08-00)
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IRANSMITIAL			Filing Date	August 27, 2003
FORM			First Named Inventor	Macmillian Wisler
(to be used for all correspondence after initial filing)		Group Art Unit		
			Examiner Name	
Total Number of	of Pages in This Submiss	sion 4+	Attorney Docket Number	AES 03-004
		ENCL	OSURES (check	all that apply)
Fee Transmittal For		Assignm (for an A	nent Papers Application) (s)	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences
Amendment / Reply	, [Licensin	g-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
After Final Affidavits/de	claration(s)	Petition Petition to Convert to a Provisional Application		Proprietary Information
Extension of Time Request Express Abandonment Request X Information Disclosure Statement		Power of Change Address Termina Request	of Attorney, Revocation of Correspondence I Disclaimer of refund of CD(s)	Status Letter X
Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 Remarks Our self-addressed stamped pos would appreciate your date stam to us upon receipt.				
	SIGNATUR	E OF APPLI	CANT, ATTORNEY, OR A	AGENT
Firm PD Holdings (USA), Inc. or Patrick H. McCollum			<i>;</i>	
Signature Putrus N Malle				
Date 6 70 03				
CERTIFICATE OF MAILING				
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:				
Typed or printed name	Carrie Baehler			
Signature	1/cm/	alhle	ے Date	November 6, 2003

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Macmillan Wisler

U.S. APPLICATION NUMBER:

10/649,432

U.S. FILING DATE:

August 27, 2003

ATTORNEY DOCKET NO:

AES 03-004

TITLE OF THE INVENTION:

Electromagnetic MWD Telemetry System Incorporating a Current Sensing Transformer

GROUP ART UNIT

Assistant Commissioner for Patents Mail Stop DD; P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sirs:

In accordance with §§ 1.56, 1.97 and 1.98 of Title 37 of the Code of Federal Regulations and pursuant to Applicant's duty of candor and good faith toward the United States Patent and Trademark Office, applicant discloses the following information items which constitute the most relevant information items of which persons substantively involved in the present application are aware. Pursuant to 37 CFR § 1.97(h) the information disclosed shall not be construed to be an admission of materiality to patentability.

Six (6) U.S. Patents and one (1) technical paper that relate to this invention are listed on the enclosed PTO/SB/08A & 08B and copies of these items are enclosed pursuant to § 1.98.

Respectively Submitted,

Patrick H. McCollum Registration No. 29,410

363 N. Sam Houston Parkway East

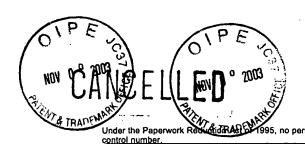
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Houston, TX 77060 281-260-5616 Telephone 281-260-5670 Facsimile

Attorney for Applicant





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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

One **Sheet**

Compl te if Known		
Application Number	10/649,432	
Filing Date	August 27, 2003	
First Named Inventor	Wisler, Macmillan	
Art Unit		
Examiner Name		
Attorney Docket Number	AES 03-004	

	U.S. PATENT DOCUMENTS					
Examiner Initials		Document Number Number- Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		us- 4,684,946	08-04-1987	Issenmann, Olivier		
		us- 5,163,714	11-17-1992	Issenmann, Olivier		
		US-5,394,141	02-28-1995	Soulier, Louis		
		us-5,945,923	08-31-1999	Soulier, Louis		
		us-6,531,871 B1	03-11-2003	Hay, Richard & Sand, Bryon		
		us-6,628,206 B1	09-30-2003	Soulier, Louis		
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	FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6	
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Signature	 Considered	

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¹ Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-01)
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Compl te if Known Substitute for form 1449B/PTO 10/649,431 **Application Number** INFORMATION DISCLOSURE August 27, 2003 Filing Date STATEMENT BY APPLICANT **First Named Inventor** Wisler, Macmillan Group Art Unit (use as many sheets as necessary) Examiner Name Attorney Docket Number AES 03-003 Sheet Two of

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), oublisher, city and/or country where published	Т2
		Peter Brett, Denis Weisbeck, Robert Graham; Innovative Technology Advances Use of Electromagnetic MWD Offshore in Southern North Sea; IADC/SPE 81628 Technical Paper. Presented at the IADC/SPE Underbalanced Technology Conference & Exhibition held in Houston, TX, March 25-26, 2003.	
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¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.